

# PRODUCT INFORMATION PACKET

Modal No: 056C17D5347  
Catalog No: B336  
1-1/2,1725,DP,56H,1/60/115/208-230  
Open Drip Proof (ODP)



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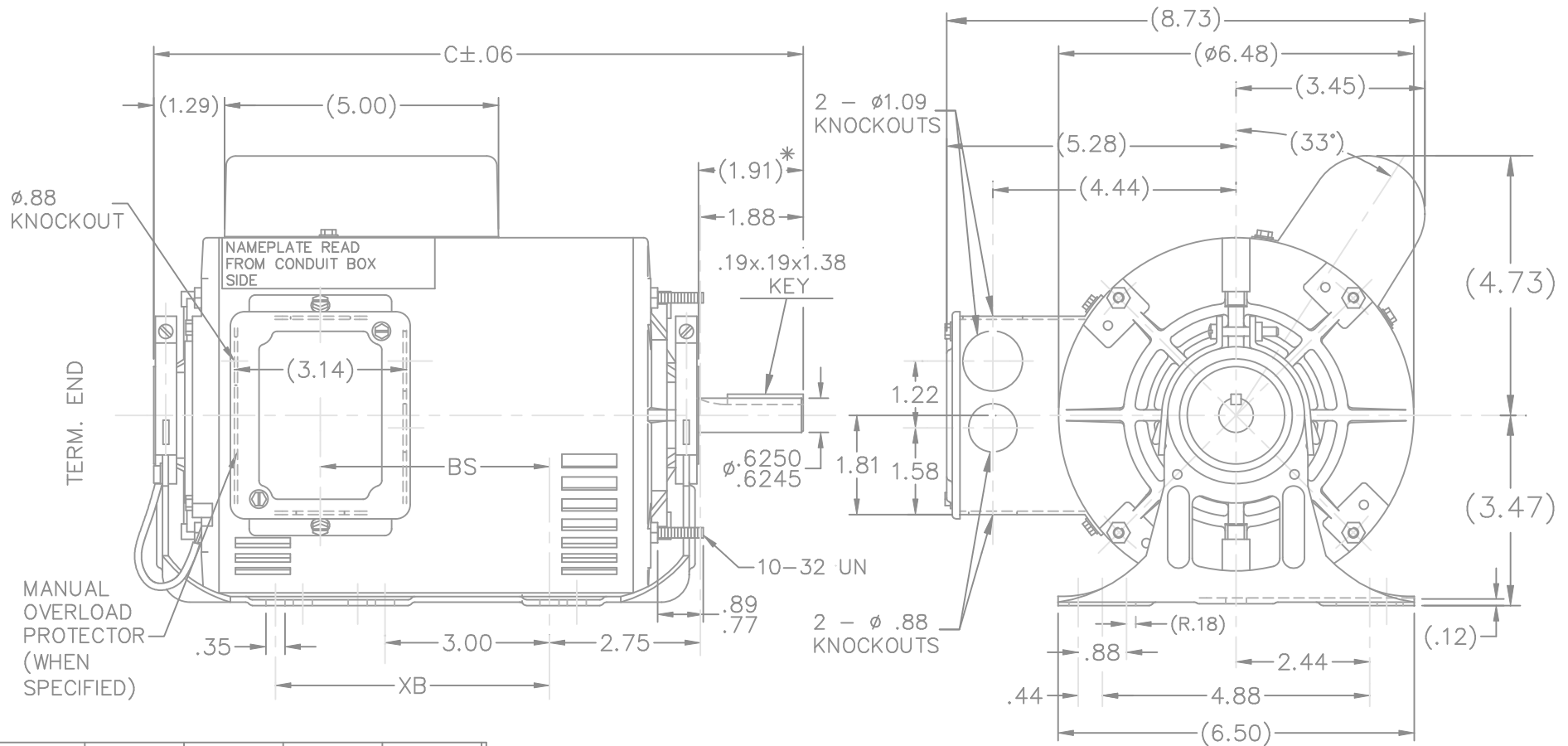


## Nameplate Specifications

Output HP	<b>1.5 Hp</b>	Output KW	<b>1.12 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/208-230 V</b>
Current	<b>18/9.3-9 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phases	<b>1</b>
Efficiency	<b>77 %</b>	Duty	<b>CONTINUOUS</b>
Insulation Class	<b>B</b>	Design Code	<b>N</b>
KVA Code	<b>J</b>	Frame	<b>56H</b>
Enclosure	<b>DP</b>	Overload Protector	<b>NOT</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>N</b>
IP Code	<b>22</b>		

## Technical Specifications

Electrical Type	<b>CAP START IND RUN</b>	Starting Method	<b>ACROSS THE LINE</b>
Poles	<b>4</b>	Rotation	<b>SELECTIVE CCW</b>
Mounting	<b>RESILIENT BASE-EXTENDED STUDS</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>ROLLED STEEL</b>	Shaft Type	<b>STANDARD 56</b>
Overall Length	<b>12.85 in</b>	Frame Length	<b>8.56 in</b>
Shaft Diameter	<b>0.63 in</b>	Shaft Extension	<b>1.91 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		



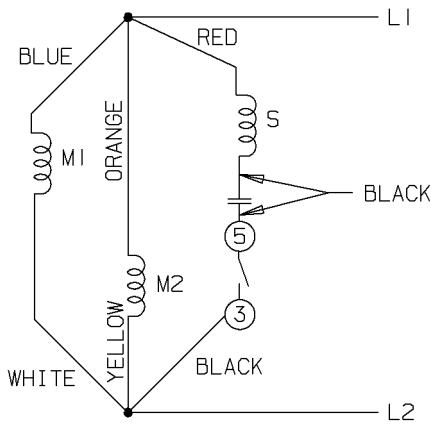
DASH	FR.	C	XB	BS
856	56	12.85	5.00	5.18

- NOTE:
- CONDUIT BOX CAN BE ROTATED 180°
  - MOTOR MUST BE ROTATED TO .75" STRIP SOCKET CLEARANCE FOR GROUND SCREW, MAXIMUM (10 DEGREES).

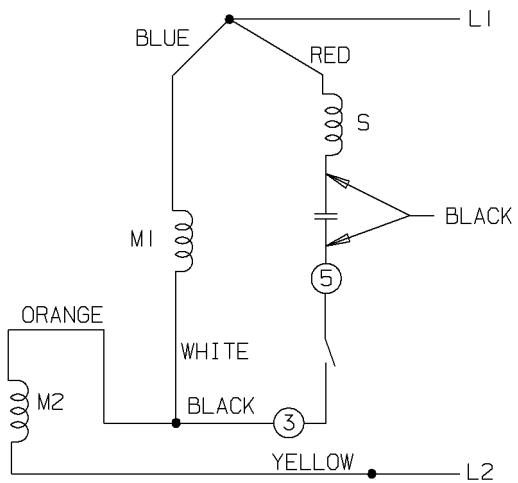
\* DIMENSION IS FROM RESILIENT RING END CAP TO END OF SHAFT

				TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN PKG 06-06-1997							
				DEC.	INCHES		CHK	ML	06-17-1997					
				.X	±.1	TITLE OUTLINE 56 FR.-1 $\phi$ -BB-DR.PR.-RESIL. MT.	APPD	GK	06-17-1999	SCALE	11=32			
9	REDRAWN IN AUTOCAD	TAT 09-01-2004	ML	.XXX	±.005		REF							
8	REDRAWN ON CADD AND ADDED NOTE CN 24678	PKG 06-17-1997		.XXXX	±.0005	MAT'L.	FMF							
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV							
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP		CAD FILE	100122	SIZE	A	DRAWING NO.	100122	PAGE	OF	REV.
				DIST	WP									9

LOW VOLTAGE - C.C.W.

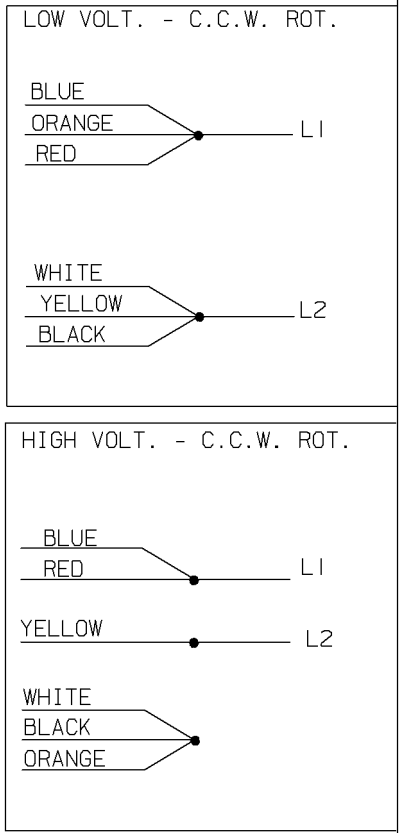
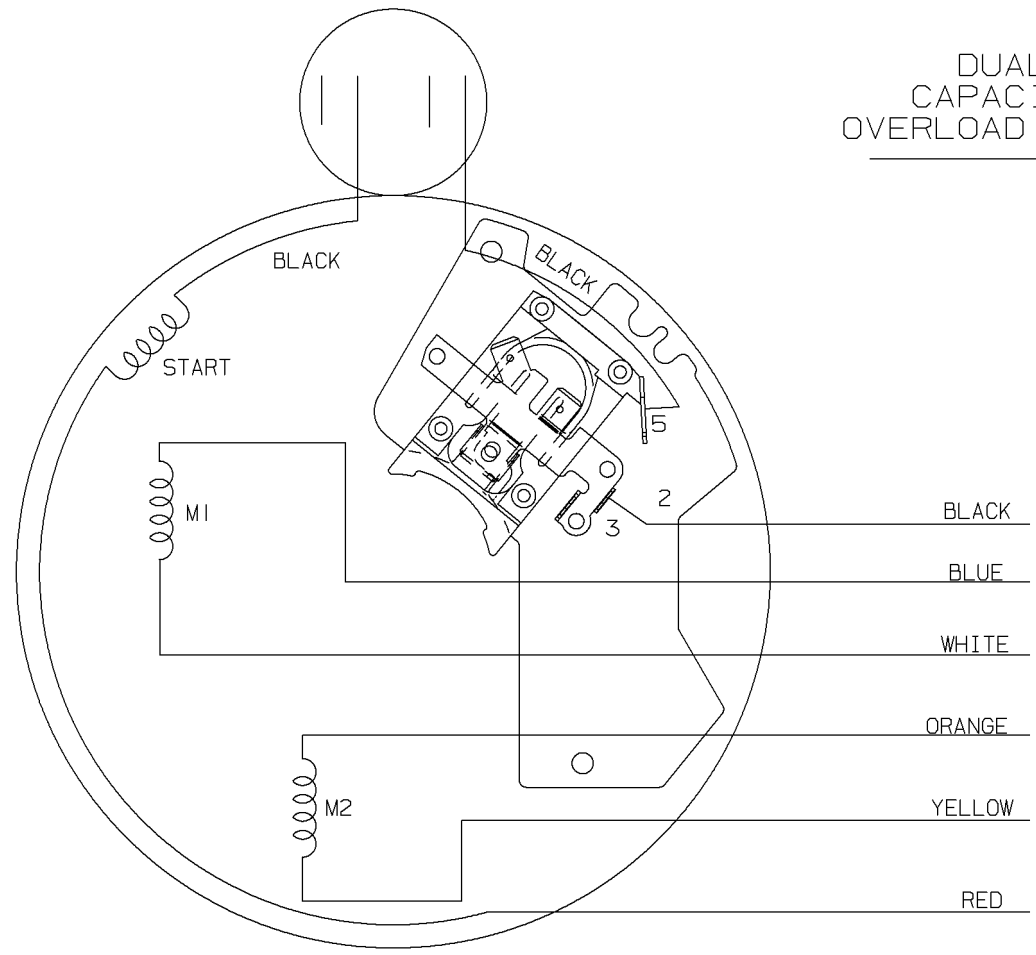


HIGH VOLTAGE - C.C.W.



A-102005-51

DUAL VOLTAGE  
CAPACITOR START NO  
OVERLOAD SELECT ROTATION



FOR C.W. ROTATION EITHER  
VOLTAGE INTERCHANGE  
RED WITH BLACK LEAD

				✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±    XXX±.005    XXXX±.0005    ANGLES±			
				MATL SPEC				DRAWN BY CAV 06-18-1999
				FINISH				CHKD BY ML 06-18-1999
5	06-17-1999	REDRAWN	CAV	REFERENCE DRW.	WAUSAU, WISCONSIN 54401			APPD BY GK 06-18-1999
REV	DATE	CHANGE	NAME	PART NAME CONNECTION DIAGRAM				DRWG NO A-102005-51

SHOP BOOK

PURCHASED

DISTRIBUTION - WA - LB - WP - LM - BR

CADD FILE NO.

102005-51

```
ERROR: syntaxerror  
OFFENDING COMMAND: --nostringval--
```

```
STACK:
```

```
/p2e  
-savelevel-
```

CERTIFICATION DATA SHEET

Model#: 56C17D5347 F WINDING#: ZC408 NONE 3  
 CONN. DIAGRAM: 102005-51 ASSEMBLY: F1 ONLY  
 OUTLINE: A-100122-856

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1 1/2	1.12	1800	1725	56H	DP	J	N

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115/208-230	18/9.3-9	ACROSS THE LINE	CONTINUOUS	B3	1.15	40	3300

FULL LOAD EFF: 77	3/4 LOAD EFF: 73	1/2 LOAD EFF: 68.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 71.3	3/4 LOAD PF: 66	1/2 LOAD PF: 54.5	0	CAP START IND RUN	10.8 / 5.4

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
4.5 LB-FT	100 / 50	13.6 LB-FT 302	11.1 LB-FT 246	60

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
- dBA	- dBA	0 LB-FT^2	- LB-FT^2	- SEC.	-	0 LBS.

\*\*\* SUPPLEMENTAL INFORMATION \*\*\*

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RESILIENT BASE- EXTENDED STUDS	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

\*  
N  
O  
T  
E  
S  
\*

INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

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